

\$%^STN;Highlighton= ***;Highlightoff=*** ;

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PASSWORD:

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NEWS 3 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
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NEWS 4 OCT 28 KOREAPAT now available on STN
NEWS 5 NOV 30 PHAR reloaded with additional data
NEWS 6 DEC 01 LISA now available on STN
NEWS 7 DEC 09 12 databases to be removed from STN on December 31, 2004
NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
February 2005

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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=> fil .eliz

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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FILE 'WPIDS' ENTERED AT 19:08:39 ON 07 JAN 2005
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=> s gfp (5a) muta?
8 FILES SEARCHED...
L1 4064 GFP (5A) MUTA?

=> s l1 (5a) 64 (5a) 65
L2 9 L1 (5A) 64 (5A) 65

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 2 DUP REM L2 (7 DUPLICATES REMOVED)

=> d 1,2

L3 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN
AN 1998:344529 HCAPLUS
DN 129:24810
TI Mutants of green fluorescent protein with improved fluorescence properties
IN Evans, Krista
PA Life Technologies, Inc., USA
SO PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9821355	A1	19980522	WO 1997-US21662	19971117
	W: JP				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 6638732	B1	20031028	US 1999-472065	19991223
	US 2004086968	A1	20040506	US 2003-668168	20030924
PRAI	US 1996-30935P	P	19961115		
	US 1997-970762	A	19971114		
	US 1999-472065	A1	19991223		
RE.CNT	3	THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD			
		ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L3 ANSWER 2 OF 2 MEDLINE on STN DUPLICATE 1
AN 1998192613 MEDLINE
DN PubMed ID: 9525926
TI Improved fluorescence and dual color detection with enhanced blue and green variants of the green fluorescent protein.
AU Yang T T; Sinai P; Green G; Kitts P A; Chen Y T; Lybarger L; Chervenak R; Patterson G H; Piston D W; Kain S R
CS Cell Biology Group, Clontech Laboratories, Inc., Palo Alto, California 94303, USA.
SO Journal of biological chemistry, (1998 Apr 3) 273 (14) 8212-6.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States

DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199805
ED Entered STN: 19980514
Last Updated on STN: 19980514
Entered Medline: 19980507

=> dis his

(FILE 'HOME' ENTERED AT 19:08:26 ON 07 JAN 2005)

FILE 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS,
NTIS, ESBIODBASE, BIOTECHNO, WPIDS' ENTERED AT 19:08:39 ON 07 JAN 2005

L1 4064 S GFP (5A) MUTA?
L2 9 S L1 (5A) 64 (5A) 65
L3 2 DUP REM L2 (7 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
18.80	19.01

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 19:10:37 ON 07 JAN 2005

WEST Search History

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DATE: Friday, January 07, 2005

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L2	L1 with 64 and 65 and(double or two)	40
<input type="checkbox"/>	L1	GFP WITH MUTAS	1921

END OF SEARCH HISTORY

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Bkwd Refs

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Search Results - Record(s) 1 through 10 of 40 returned.

☐ 1. Document ID: US 20050005310 A1**Using default format because multiple data bases are involved.**

L2: Entry 1 of 40

File: PGPB

Jan 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050005310

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050005310 A1

TITLE: Expression vectors and methods

PUBLICATION-DATE: January 6, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chisholm, Vanessa	San Mateo	CA	US	
Crowley, Craig W.	Portola Valley	CA	US	
Krummen, Lynne A.	San Francisco	CA	US	
Meng, Yu-Ju G.	Albany	CA	US	
Shen, Amy	San Mateo	CA	US	

US-CL-CURRENT: 800/8; 435/191, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Drawings
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☐ 2. Document ID: US 20040235100 A1

L2: Entry 2 of 40

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040235100

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040235100 A1

TITLE: Renilla reniformis green fluorescent protein and mutants thereof

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sorge, Joseph A.	Wilson	WY	US	
Vaillancourt, Peter E.	Del Mar	CA	US	
Felts, Katherine A.	San Diego	CA	US	

h e b b g e e e f e f e f b e

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [435/325](#), [435/366](#), [530/350](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20040235064 A1

L2: Entry 3 of 40

File: PGPB

Nov 25, 2004

PGPUB-DOCUMENT-NUMBER: 20040235064
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040235064 A1

TITLE: Methods of detecting interactions between proteins, peptides or libraries thereof using fusion proteins

PUBLICATION-DATE: November 25, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hamilton, Andrew D.	Guilford	CT	US	
Ghosh, Indraneel	Tucson	AZ	US	
Regan, Lynne	New Haven	CT	US	

US-CL-CURRENT: [435/7.9](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 20040086968 A1

L2: Entry 4 of 40

File: PGPB

May 6, 2004

PGPUB-DOCUMENT-NUMBER: 20040086968
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040086968 A1

TITLE: Mutants of green fluorescent protein

PUBLICATION-DATE: May 6, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Evans, Krista	Germantown	MD	US	

US-CL-CURRENT: [435/69.1](#); [435/320.1](#), [435/325](#), [530/350](#), [536/23.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 20040072995 A1

L2: Entry 5 of 40

File: PGPB

Apr 15, 2004

h e b b g e e e f e f e f b e

PGPUB-DOCUMENT-NUMBER: 20040072995
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040072995 A1

TITLE: Novel fluorescent proteins

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bjorn, Sara P.	Soborg		DK	
Pagliaro, Len	Soborg		DK	
Thastrup, Ole	Soborg		DK	

US-CL-CURRENT: 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 6. Document ID: US 20030203404 A1

L2: Entry 6 of 40

File: PGPB

Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030203404
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030203404 A1

TITLE: Bioluminescence resonance energy transfer(bret) system with broad spectral resolution between donor and acceptor emission wavelengths and its use

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Joly, Erik	Blainville		CA	

US-CL-CURRENT: 435/7.1; 435/287.2, 435/320.1, 435/325, 435/69.1, 435/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 7. Document ID: US 20030186356 A1

L2: Entry 7 of 40

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030186356
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030186356 A1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Stemmer, Willem P.C.	Los Gatos	CA	US	

US-CL-CURRENT: 435/68.1; 435/69.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 8. Document ID: US 20030157540 A1

L2: Entry 8 of 40

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157540

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157540 A1

TITLE: Methods for isolating and characterizing short-lived proteins and arrays derived therefrom

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Xianqiang	Palo Alto	CA	US	
Jiang, Xin	Saratoga	CA	US	

US-CL-CURRENT: 435/6; 435/287.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw De
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☐ 9. Document ID: US 20030154500 A1

L2: Entry 9 of 40

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030154500

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030154500 A1

TITLE: Nucleic acid transfer vector for the introduction of nucleic acid into the DNA of a cell

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hackett, Perry B.	Shoreview	MN	US	
Clark, Karl J.	Ramsey	MN	US	
Ivics, Zoltan	Berlin	MN	DE	

Izsvak, Zsuzsanna Berlin DE
Fahrenkrug, Scott C. St. Paul US

US-CL-CURRENT: 800/8; 435/320.1, 435/325, 435/69.1, 530/350, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KNAC	Draw. De
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☐ 10. Document ID: US 20030134288 A1

L2: Entry 10 of 40

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134288
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030134288 A1

TITLE: Screening methods involving the detection of short-lived proteins

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Xianqiang	Palo Alto	CA	US	
Jiang, Xin	Saratoga	CA	US	

US-CL-CURRENT: 435/6; 435/325, 435/7.1, 435/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KNAC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 with 64 and 65 and(double or two)	40

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Search Results - Record(s) 11 through 20 of 40 returned.

☐ 11. Document ID: US 20030134287 A1

Using default format because multiple data bases are involved.

L2: Entry 11 of 40

File: PGPB

Jul 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030134287

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030134287 A1

TITLE: Method for isolating and characterizing short-lived proteins

PUBLICATION-DATE: July 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Li, Xianqiang	Palo Alto	CA	US	
Jiang, Xin	Saratoga	CA	US	

US-CL-CURRENT: 435/6; 435/7.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 12. Document ID: US 20030013849 A1

L2: Entry 12 of 40

File: PGPB

Jan 16, 2003

PGPUB-DOCUMENT-NUMBER: 20030013849

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030013849 A1

TITLE: Renilla reniformis green fluorescent protein

PUBLICATION-DATE: January 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Ward, William W.	Metuchen	NJ	US	
Thomson, Catherine	Edinburgh		GB	

US-CL-CURRENT: 530/350; 435/320.1, 435/325, 435/69.7, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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13. Document ID: US 20020177189 A1

L2: Entry 13 of 40

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020177189

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020177189 A1

TITLE: Novel fluorescent proteins

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bjorn, Sara Petersen	Lyngby		DK	
Pagliaro, Len	Copenhagen K		DK	
Thastrup, Ole	Birkerod		DK	

US-CL-CURRENT: 435/69.1; 435/183, 435/320.1, 435/325, 435/7.1, 530/350, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Drawings
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14. Document ID: US 20020146701 A1

L2: Entry 14 of 40

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146701

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146701 A1

TITLE: Methods of detecting interactions between proteins, peptides or libraries thereof using fusion proteins

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hamilton, Andrew D.	Guilford	CT	US	
Ghosh, Indraneel	Tucson	AZ	US	
Regan, Lynne	New Haven	CT	US	

US-CL-CURRENT: 435/6; 435/69.1, 435/7.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	MMIC	Drawings
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15. Document ID: US 20020064842 A1

L2: Entry 15 of 40

File: PGPB

May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020064842
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020064842 A1

TITLE: Renilla reniformis green fluorescent protein and mutants thereof

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sorge, Joseph A.	Wilson	WY	US	
Vaillancourt, Peter E.	Del Mar	CA	US	
Felts, Katherine A.	San Diego	CA	US	

US-CL-CURRENT: 435/183; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw De
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☐ 16. Document ID: US 6780599 B2

L2: Entry 16 of 40

File: USPT

Aug 24, 2004

US-PAT-NO: 6780599
DOCUMENT-IDENTIFIER: US 6780599 B2

TITLE: Methods of detecting interactions between proteins, peptides or libraries thereof using fusion proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw De
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☐ 17. Document ID: US 6638732 B1

L2: Entry 17 of 40

File: USPT

Oct 28, 2003

US-PAT-NO: 6638732
DOCUMENT-IDENTIFIER: US 6638732 B1

TITLE: Mutants of Green Fluorescent Protein

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWMC	Draw De
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☐ 18. Document ID: US 6630349 B1

L2: Entry 18 of 40

File: USPT

Oct 7, 2003

US-PAT-NO: 6630349
DOCUMENT-IDENTIFIER: US 6630349 B1

TITLE: Trophoblast cell preparations

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 19. Document ID: US 6573098 B1

L2: Entry 19 of 40

File: USPT

Jun 3, 2003

US-PAT-NO: 6573098

DOCUMENT-IDENTIFIER: US 6573098 B1

TITLE: Nucleic acid libraries

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 20. Document ID: US 6518065 B1

L2: Entry 20 of 40

File: USPT

Feb 11, 2003

US-PAT-NO: 6518065

DOCUMENT-IDENTIFIER: US 6518065 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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Terms	Documents
L1 with 64 and 65 and(double or two)	40

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Generate OACS				

Search Results - Record(s) 21 through 30 of 40 returned.

☐ 21. Document ID: US 6506603 B1

Using default format because multiple data bases are involved.

L2: Entry 21 of 40

File: USPT

Jan 14, 2003

US-PAT-NO: 6506603

DOCUMENT-IDENTIFIER: US 6506603 B1

TITLE: Shuffling polynucleotides by incomplete extension

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stemmer; Willem P. C.	Los Gatos	CA		

US-CL-CURRENT: 435/440; 435/6, 536/23.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 22. Document ID: US 6506602 B1

L2: Entry 22 of 40

File: USPT

Jan 14, 2003

US-PAT-NO: 6506602

DOCUMENT-IDENTIFIER: US 6506602 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 23. Document ID: US 6413774 B1

L2: Entry 23 of 40

File: USPT

Jul 2, 2002

US-PAT-NO: 6413774

DOCUMENT-IDENTIFIER: US 6413774 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 24. Document ID: US 6395547 B1

L2: Entry 24 of 40

File: USPT

May 28, 2002

US-PAT-NO: 6395547

DOCUMENT-IDENTIFIER: US 6395547 B1

TITLE: Methods for generating polynucleotides having desired characteristics by
iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 25. Document ID: US 6372497 B1

L2: Entry 25 of 40

File: USPT

Apr 16, 2002

US-PAT-NO: 6372497

DOCUMENT-IDENTIFIER: US 6372497 B1

TITLE: Methods for generating polynucleotides having desired characteristics by
iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 26. Document ID: US 6344356 B1

L2: Entry 26 of 40

File: USPT

Feb 5, 2002

US-PAT-NO: 6344356

DOCUMENT-IDENTIFIER: US 6344356 B1

**** See image for Certificate of Correction ****

TITLE: Methods for recombining nucleic acids

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 27. Document ID: US 6323030 B1

L2: Entry 27 of 40

File: USPT

Nov 27, 2001

US-PAT-NO: 6323030

DOCUMENT-IDENTIFIER: US 6323030 B1

TITLE: Methods for generating polynucleotides having desired characteristics by
iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 28. Document ID: US 6291242 B1

L2: Entry 28 of 40

File: USPT

Sep 18, 2001

US-PAT-NO: 6291242

DOCUMENT-IDENTIFIER: US 6291242 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWOC	Draw D
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☐ 29. Document ID: US 6180406 B1

L2: Entry 29 of 40

File: USPT

Jan 30, 2001

US-PAT-NO: 6180406

DOCUMENT-IDENTIFIER: US 6180406 B1

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWOC	Draw D
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☐ 30. Document ID: US 6165793 A

L2: Entry 30 of 40

File: USPT

Dec 26, 2000

US-PAT-NO: 6165793

DOCUMENT-IDENTIFIER: US 6165793 A

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWOC	Draw D
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40

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Fwd Refs

Bkwd Refs

Generate OACS

Search Results - Record(s) 31 through 40 of 40 returned.☐ 31. Document ID: US 6117679 A

Using default format because multiple data bases are involved.

L2: Entry 31 of 40

File: USPT

Sep 12, 2000

US-PAT-NO: 6117679

DOCUMENT-IDENTIFIER: US 6117679 A

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stemmer; Willem P. C.	Los Gatos	CA		

US-CL-CURRENT: 435/440; 435/6, 536/23.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 32. Document ID: US 6096865 A

L2: Entry 32 of 40

File: USPT

Aug 1, 2000

US-PAT-NO: 6096865

DOCUMENT-IDENTIFIER: US 6096865 A

**** See image for Certificate of Correction ****

TITLE: Mutants of the green fluorescent protein having improved fluorescent properties at 37.degree.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw D
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☐ 33. Document ID: US 6090919 A

L2: Entry 33 of 40

File: USPT

Jul 18, 2000

US-PAT-NO: 6090919

DOCUMENT-IDENTIFIER: US 6090919 A

TITLE: FACS-optimized mutants of the green fluorescent protein (GFP)

h e b b cg b cc e

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 34. Document ID: US 6020192 A

L2: Entry 34 of 40

File: USPT

Feb 1, 2000

US-PAT-NO: 6020192

DOCUMENT-IDENTIFIER: US 6020192 A

**** See image for Certificate of Correction ****

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 35. Document ID: US 5994077 A

L2: Entry 35 of 40

File: USPT

Nov 30, 1999

US-PAT-NO: 5994077

DOCUMENT-IDENTIFIER: US 5994077 A

**** See image for Certificate of Correction ****

TITLE: Fluorescence-based isolation of differentially induced genes

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 36. Document ID: US 5968750 A

L2: Entry 36 of 40

File: USPT

Oct 19, 1999

US-PAT-NO: 5968750

DOCUMENT-IDENTIFIER: US 5968750 A

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 37. Document ID: US 5874304 A

L2: Entry 37 of 40

File: USPT

Feb 23, 1999

US-PAT-NO: 5874304

DOCUMENT-IDENTIFIER: US 5874304 A

TITLE: Humanized green fluorescent protein genes and methods

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 38. Document ID: US 5811238 A

L2: Entry 38 of 40

File: USPT

Sep 22, 1998

US-PAT-NO: 5811238

DOCUMENT-IDENTIFIER: US 5811238 A

TITLE: Methods for generating polynucleotides having desired characteristics by iterative selection and recombination

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 39. Document ID: US 5804387 A

L2: Entry 39 of 40

File: USPT

Sep 8, 1998

US-PAT-NO: 5804387

DOCUMENT-IDENTIFIER: US 5804387 A

TITLE: FACS-optimized mutants of the green fluorescent protein (GFP)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 40. Document ID: US 20040086968 A1, WO 9821355 A1, US 6638732 B1

L2: Entry 40 of 40

File: DWPI

May 6, 2004

DERWENT-ACC-NO: 1998-297958

DERWENT-WEEK: 200430

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TITLE: New green fluorescent protein mutants excitable with blue or white light - useful as markers of transfection or for labelling polypeptide(s) and fusion proteins

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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